

WHAT IS CLAIMED IS:

1. An electrically-driven portable dirt scrubber for frictionally removing foreign matters from the skin of a user,
5 comprising:

a main body having a handle configured to be grasped by the user, a connecting assembly connected at one end thereof to the handle and configured to be longitudinally adjustable in length, and a head pivotally coupled to the other end of the connecting assembly;

a power supply mounted in the main body and charged with electric power supplied from an external power source;

drive means configured to be driven by electric power supplied from the power supply in accordance with a drive signal, thereby rotating the head; and

a contact member attached to the outer surface of the head, and adapted to remove foreign matters from the skin of the user in accordance with rotation of the head.

20 2. The electrically-driven portable dirt scrubber according to claim 1, further comprising: a control unit mounted in the handle of the main body, the control unit including a switch for turning on and off the drive means, and a controller for controlling the drive means to control an
25 operating state of the head between strong and weak states, and

wherein the connecting assembly comprises a handle length adjusting member connected at one end thereof to the handle while having a desired length, a connecting member having an L-shaped rod structure while receiving the other end of the handle length adjusting member at one end thereof so that the handle length adjusting member is longitudinally movable, and a support shaft connected at one end thereof to the other end of the connecting member while being coupled at the other end thereof to the head.

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3. The electrically-driven portable dirt scrubber according to claim 1, wherein:

the handle, the connecting assembly, and the head are made of a urethane material exhibiting a high water resistance, a high heat resistance, and a high impact absorbance;

the contact member comprises a brush or a sponge pad; and

the power supply is charged with electric power in a wireless fashion.

20 4. An electrically-driven portable dirt scrubber for frictionally removing foreign matters from the skin of a user while conducting a massage function, comprising:

a case including a handle configured to be grasped by the user, and a head integral with the handle;

a power supply mounted in the case, and charged with electric power supplied from an external power source;

drive means configured to be driven by electric power supplied from the power supply in accordance with a drive signal; and

a contact member coupled to a rotating shaft included in the drive means, and adapted to come into contact with the skin of the user while rotating.

10 5. The electrically-driven portable dirt scrubber according to claim 4, wherein the contact member comprises: a blush including a body having a desired area, a plurality of combs extending from an outer surface of the body, a coupling section provided at an inner surface of the body and coupled to the rotating shaft; or a soft pad including a body, a sponge section arranged around the body, and a coupling section provided at an inner surface of the body and coupled to the rotating shaft, the blush and the soft pad being selectively detachably attached to the rotating shaft.